Fi... nal Bill

SBR... /14-15

31/01/2015

BRNO: 4649/31-1-15

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251108

Serial No. .....

Name of Work Improvements to roads, drains and covering slab at Nanjappa Layout 4th cross road in ward No-10 Doddabommasandra From ..... To .....

Name of Contractor or nature of Agency ..... KRIDL

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Work Code No:- 010-15-000012						
	Work order no:- EE/BTP/KRIDL/WO/128/2014-15, Date 17/11/2014						
	Address of Agency:- # 119, 11th Cross Road 3rd floor Poorva Park Road Malleshwaram Bangalore-560003.						

Contents 7	Reference to last Measurement 8
Work done SPOL	
	CC Drain Done
	RHS 27.80m

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂ...
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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc.						
	Chamundeshwari Layout						
	5th Main Road						
	Balance LHS	1	22.00	1.20	0.90	= 23.76 cum	
		1	30.00	1.20	0.90	= 32.40 cum	
		1	30.00	1.20	0.90	= 32.40 cum	
		1	30.00	1.20	0.90	= 32.40 cum	
		1	30.00	1.20	0.90	= 32.40 cum	
		1	30.00	1.20	0.90	= 32.40 cum	
		1	15.00	1.20	0.90	= 16.20 cum	
					Total	= 201.96 cum	

Serial No. .....

Name of Work ..... Fr

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
	2) Providing and laying in Pa	Qt
	OPC cement @ 180 kgs	@
	Coarse aggregates @ 0.85 cu	
	Concrete laid in layers not	using
	Chamundeshwari Layout	1
	5th Main Road	
	Balance LHS	1

K

epth 6	Contents 7	Reference to last Measurement 8
	Hard Soil involving an nd an average lift upto 3 neatly dressed, the breaking of clods etc	
	·90 = 23·76 Cum	
	·90 = 32·40 Cum	
	·90 = 32·40 Cum	
	·90 = 32·40 Cum	
	·90 = 32·40 Cum	
	·90 = 32·40 Cum	
	·90 = 16·20 Cum	
	otal = 201·96 Cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251109

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		Qty limited to tender =				199.80 Cum	
		@ RS 105.84					RS 21147.00
	2) Providing and laying in Position Plain cement Concrete of mix M 7.5 with OPC cement @ 150 Kgs using 40mm and down Size graded granite metal Coarse aggregates @ 0.85 Cum and fine aggregates @ 0.5 Cum machine mixed Concrete laid in layers not exceeding 15cms thick						
	Chamundeshwari Layout 5th main Road Balance Lhs	1	22.00	1.00	0.15	= 3.30 Cum	
		1	30.00	1.00	0.15	= 4.50 Cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	1.00	0.15	= 4.50 cum	
		1	30.00	1.00	0.15	= 4.50 cum	
		1	30.00	1.00	0.15	= 4.50 cum	
		1	30.00	1.00	0.15	= 4.50 cum	
		1	15.00	1.00	0.15	= 2.25 cum	
					Total	= 28.05 cum	
					Qty limited to Tender	= 27.75 cum	
					@ Rs 4847.04	Rs 134505.00	
	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ. ಯಲಹಂಕ ವಲಯ, ಬೆಂಗಳೂರು-97						
3)	Providing and removing centering shuttering, Struttong propping etc and removal of form work for vertical Surface Sulmas walls at any thickness, including attached Pilasters buttresses, Plinth and String Courses cost of all materials.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
		4
		4
		4
		4
		4
		4
		4
		Qty
		@

Assistant Executive Engineer
Vidyaranyapura Sub Division

Contents 7	Reference to last Measurement 8
= 4.50 cum	
= 4.50 cum	
= 4.50 cum	
= 4.50 cum	
= 2.25 cum	
= 28.05 cum	
= 27.75 cum	
RS 134505.00	

ng, Strutting propping etc
ace Sides walls at any
tresses. Plinth and

M. A. R. 57 (Rule 116)
Measurement Book

No. B 251110

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		4	22.00		0.60 =	52.80 Sqm	
		4	30.00		0.60 =	72.00 Sqm	
		4	30.00		0.60 =	72.00 Sqm	
		4	30.00		0.60 =	72.00 Sqm	
		4	30.00		0.60 =	72.00 Sqm	
		4	30.00		0.60 =	72.00 Sqm	
		4	15.00		0.60 =	36.00 Sqm	
					Total =	448.80 Sqm	
					=	444.00 Sqm	
	Qty limited to Tender					RS 129950.00	
	@ RS 292.68						

Assistant Executive Engineer
Vidyaranyapura Sub Division

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	4) Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.87 cum and fine aggregates machine mixed, concrete laid in layers not exceeding 15 cms thick vibrated for all works in foundation plinth and ground floor level for roof slabs, Staircase, lintels retaining walls, return walls.						
		1	22.00	1.00	0.15	= 3.30 cum	
		1	30.00	1.00	0.15	= 4.50 cum	
		1	30.00	1.00	0.15	= 4.50 cum	
		1	30.00	1.00	0.15	= 4.50 cum	
		1	30.00	1.00	0.15	= 4.50 cum	
		1	30.00	1.00	0.15	= 4.50 cum	

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Serial No. .....
Name of Work ..... Fron
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	Side wall	1 2 2 2 2 2 2 2 2

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Contents 7	Reference to last Measurement 8
ment concrete of design comm and down Size 78Cum and fine aggregate eeding 15 Cms thick n and ground floor level walls, return walls.	
S = 3.30 Cum	
S = 4.50 Cum	
S = 4.50 Cum	
15 = 4.50 Cum	
15 = 4.50 Cum	
15 = 4.50 Cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251111

Serial No. ..... From ..... To .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Side wall	1	15.00	1.00	0.15 =	2.25 Cum	
		2	22.00	0.15	0.60 =	3.96 Cum	
		2	30.00	0.15	0.60 =	5.40 Cum	
		2	30.00	0.12	0.60 =	4.32 Cum	
		2	30.00	0.15	0.65 =	5.85 Cum	
		2	30.00	0.15	0.60 =	5.40 Cum	
		2	30.00	0.15	0.65 =	5.85 Cum	
		2	15.00	0.15	0.60 =	2.70 Cum	
					Total =	61.53 Cum	

C&FC.

25/1/2015

ಕಾ.ಅ. (ವಾ.ವಿ)

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು.
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Qty limited to Tender =				61.05 Cum.	
		@ Rs 6065.28				Rs 370285.00	
	5) Providing T.M.T Steel reinforcement for R.C.C work including Straighting cutting, bending, hooking, placing in position, lapping or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid)						
	Qty vide page no 25/191 of this					= 48.84 Cum	
	M.B. No - 2512	@ Rs 7975.80				Rs 389538.00	

Assistant Executive Engineer

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
6)	Providing granite slabs ... cement mortar (1:6) in Cl...	

DK

Depth 6	Contents 7	Reference to last Measurement 8
er =	61.05 Cum.	
	RS 370285.00	
-CC work including Straighten tion, lapping or welding wire and anchoring to fill mplete as per design Claps, and paid)		
=	48.84 qt	
	RS 389538.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251112

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
6)	Providing granite slabs of Selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc complete as per Specifications	1	22.00		0.90	= 19.80 Sqm	
		1	30.00		0.90	= 27.00 Sqm	
		1	30.00		0.90	= 27.00 Sqm	
		1	30.00		0.90	= 27.00 Sqm	
		1	30.00		0.90	= 27.00 Sqm	
		1	30.00		0.90	= 27.00 Sqm	
		1	15.00		0.90	= 13.50 Sqm	
					Total	= 168.30 Sqm	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Qty limited to Tender				= 166.50 Sqm	
		@ RS 642.60					RS 106993.00
7)	Providing chamfering edges to stone slab 2 cms. wide as per specification (Only chamfered length shall be recorded) etc complete as per specification						
		312	3.00			= 936.00 mt	
		Qty limited to Tender				= 924.00 mt	
		@ RS 32.40					RS 2993.00

Assistant Executive Engineer
Vidyaranyapura Sub Division

M.

Serial No. .....
Name of Work ..... F
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
8)	Providing two line dressing etc complete as per Specifi	
	Qty vid	
	@ R	
9)	Lead for Disposal of Debris Mechanical means including	

K

Depth 6	Contents 7	Reference to last Measurement 8
=	166.50 Sqm	
	RS 106993.00	
scms. wide as per Specification		
etc complete as per Specifications		
=	936.00 mtr	
=	924.00 mtr	
	RS 2993.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251113

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
8)	providing two line dressing to granite stone slab/granite stone masonary etc complete as per specifications and directions of engineer. Qty vide Item no-6 @ RS 851.04					= 166.50 Sqm RS 141698.00	
9)	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means including loading and unloading etc						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Qty vide Item No-1 = 199.80 Cum					
		@ Rs 73.57				Rs 14689.00	
	10) Sub Total					Rs 1338753.00	
	11) Add 11% K.R.I.D.L Charges					Rs 147262.83	
	12) Add 1% for third Party Inspection charges					Rs 13387.53	
						Total Rs 1499403.36	

Cert

Rupees Fourteen Lakhs Ninety nine thousand four hundred and Three and Thirty Six Paise Only)

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Zadhav
AE 31/1/2015

Serial No. .....
Name of Work ..... 1279,667=0
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Certificate:-
	Certified that the materials issued

Contents 7	Reference to last Measurement 8
199.80 Cum	
RS	14699.00
RS	1338753.00
RS	147262.83
RS	13387.53
Total RS	1499403.36
	1486015.00

and four hundred

Jadhav

AE 31/1/2015

1486015=00

206348=00

1279667=00

M. A. R. 57 (Rule 116)

Measurement Book No. B

IT – 29720-

ST 59441-

PT 2461-

Cess 14860

CST To 1486

Roy 11180

Fav 500

Serial No. .....

Name of Work ..... From .....

Name of Contractor or nature of Agency .....

Date of commencement of work .....

251114

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Certificate:-						

Certified that the above work done is satisfactorily and no materials issued from departmentaly

Jadhav

AE 31/1/2015.

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97